



Specializing in Critical Process Air Management



PH-SERIES Hygienic Air Handlers

- For critical process environments such as food or pharmaceutical grade production and process facilities.
- 1,500 to 84,000 CFM.
- Sanitary design with smooth, flat surfaces.
- Insulated, double wall construction.
- Watertight design for wash down.
- Vertical or horizontal fresh air intake.
- End or bottom air return opening.
- End, bottom, top or side air discharge opening.
- Multiple pre, intermediate and final filtration options.
- Direct and indirect fired gas burners for clean-up mode.
- Optional steam, hot water (glycol) and hot gas reheat coils.
- PLC control available.



PD-SERIES Desiccant Dehumidification Air Handlers

- For food processing, process manufacturing, materials handling, commercial or military applications.
- Standard sizes and a variety of custom configurations up to 50,000 CFM.
- Rugged, industrial dehumidification wheel.
- Insulated, double wall construction.
- Separate regeneration heating section with multiple heating options.
- Sanitary design with minimal catch points.
- Multiple heating and cooling options.
- End or top return air opening.
- End, bottom, top or side air discharge opening.
- Multiple pre, intermediate and final filtration options.
- PLC control available.



PE-SERIES Penthouse Refrigeration Units

- For a variety of cooler and freezer applications.
- Factory-assembled, roof top units.
- Refrigeration piping, electrical wiring and condensate drain lines outside the refrigerated space.
- Smooth, galvanized interior finish (aluminum or stainless steel options).
- Embossed, galvanized exterior.
- PLC control available or customer-supplied controls.



AIR DISTRIBUTION ACCESSORIES Supply Air Diffusers and Return Air Boxes

- Condensate control with stainless steel construction and heat tracing.
- Watertight seal designed for wash down duty.
- Fixed, anodized aluminum or stainless steel grills.
- Optional, 4-way adjustable aluminum or stainless steel grills.
- Optional washable filters on return air boxes.

Installation Code and Annual Inspections:

All installation and service of PHOENIX AIR SYSTEMS™ equipment must be performed by a contractor qualified in the installation and service of equipment sold and supplied by Phoenix Air Systems and conform to all requirements set forth in the PHOENIX AIR SYSTEMS™ manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Phoenix Air Systems recommends that a qualified contractor conduct, at a minimum, annual inspections of your PHOENIX AIR SYSTEMS™ equipment and perform service where necessary, using only replacement parts sold and supplied by Phoenix Air Systems.

Further Information: Applications, engineering and detailed guidance on systems design, installation and equipment performance is available through PHOENIX AIR SYSTEMS™ representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

These products are not for residential use.

This document is intended to assist licensed professionals in the exercise of their professional judgment.